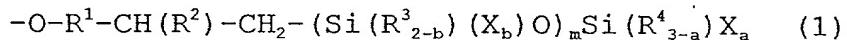


CLAIMS

1. A curable resin composition

which comprises (I) a reactive silicon group-containing
5 polyether oligomer, (II) a copolymer comprising a molecular
chain substantially composed of one or more acrylate ester
monomer units and/or methacrylate ester monomer units and (III)
an accelerator,

10 said reactive silicon group-containing polyether
oligomer having, within the molecule thereof, a partial
structure represented by the general formula (1):



wherein R¹ represents a divalent organic group of 1 to 20 carbon
atoms containing at least one constituent element selected from
15 the group consisting of hydrogen, oxygen and nitrogen, R²
represents an alkyl group of 1 to 10 carbon atoms, R³ and R⁴
may be the same or different and each represents an alkyl group
of 1 to 20 carbon atoms, an aryl group of 6 to 20 carbon atoms
or an aralkyl group of 7 to 20 carbon atoms or a triorganosiloxy
20 group of the formula (R')₃SiO-, in which R' is a monovalent
hydrocarbon group of 1 to 20 carbon atoms and the three R' groups
may be the same or different, and where there are two or more
R³ or R⁴ groups, they may be the same or different; X represents
a hydroxyl group or a hydrolyzable group and, where there are
25 two or more X groups, they may be the same or different; a
represents 0, 1, 2 or 3, b represents 0, 1 or 2, m represents
an integer of 0 to 19, and the b's in the m - (Si(R^{3_{2-b}})(X_b)-O)-
groups may be the same or different, provided that the condition
a + Σb ≥ 1 is satisfied.

30

2. The curable resin composition according to Claim 1,
wherein R¹ in component (I) is CH₂.

35 3. The curable resin composition according to Claim 1
or 2, wherein R² in component (I) is CH₃.

4. The curable resin composition according to any of Claims 1 to 3,

5 wherein component (I) is a reactive silicon group-containing polyether oligomer having a partial structure represented by the formula:

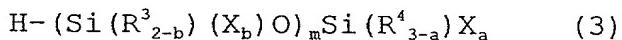


5. The curable resin composition according to Claim 1,

10 wherein component (I) is a reactive silicon group-containing polyether oligomer obtainable by reacting a polyether oligomer having an unsaturated bond introduced therein of the general formula (2):



15 wherein R^1 is as defined above,
with a reactive silicon group-containing compound represented by the general formula (3):



20 wherein R^3 , R^4 , a , b , m and X are as defined above,
in an oxygen-containing atmosphere in the presence of a catalyst and a sulfur compound.

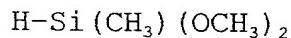
6. The curable resin composition according to Claim 5,
wherein component (I) is a reactive silicon group-
25 containing polyether oligomer having a partial structure represented by the formula:



as obtainable by reacting a polyether oligomer having an unsaturated bond introduced therein of the formula:

30 $-\text{O}-\text{CH}_2-\text{C}(\text{CH}_3)=\text{CH}_2$

with a reactive silicon group-containing compound of the formula:



35 in an oxygen-containing atmosphere in the presence of a catalyst and a sulfur compound.

7. The curable resin composition according to any of Claims 1 to 6,

wherein component (II) is a copolymer comprising a
5 molecular chain substantially composed of (a) acrylic and/or methacrylic ester monomer units having a hydrocarbon group of 1 to 8 carbon atoms, and (b) acrylic and/or methacrylic ester monomer units having a hydrocarbon group of 10 or more carbon atoms.

10

8. The curable resin composition according to any of Claims 1 to 7,

wherein component (II) is a copolymer having a silicon group crosslinkable under siloxane bond formation.

15